
Product Name: Lipocalin-2/NGAL Rabbit Monoclonal Antibody**Catalog #: AMRe86506**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	2.4mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000
Molecular Weight	Calculated MW:23 kDa; Observed MW:23 kDa

Antigen Information

Gene Name	Lipocalin-2/NGAL
Alternative Names	NRL; 24p3; Sip24; AW212229
Gene ID	16819
SwissProt ID	P11672
Immunogen	Recombinant protein of mouse Lipocalin-2/NGAL

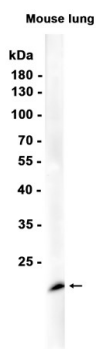
Background

Iron-trafficking protein involved in multiple processes such as apoptosis, innate immunity and renal development. Binds iron through association with 2,5-dihydroxybenzoic acid (2,5-DHBA), a siderophore that shares structural similarities with bacterial

enterobactin, and delivers or removes iron from the cell, depending on the context. Iron-bound form (holo-24p3) is internalized following binding to the SLC22A17 (24p3R) receptor, leading to release of iron and subsequent increase of intracellular iron concentration.

Research Area

Image Data



Western blot analysis of extracts from Mouse lung tissue using Lipocalin-2/NGAL Rabbit Monoclonal Antibody at 1:1000.